

CLAIMS:

1. Reproduction apparatus for reproducing a unique identifier ID from a record carrier (5), said record carrier having a data area for storing data and a defect management area for storing data reallocated from defective sectors of said data area and for storing reallocation information, comprising:
- 5 - a reallocation information reading means (7) for reading a reallocation information from said defect management area marking a first predetermined non-defective sector in said data area as defective and as reallocated to a second sector in said defect management area,
- 10 - a data reading means (6, 8) for reading a first data unit from said first sector and for reading a second data unit from said second sector, and
- an evaluation means (10) for evaluating said first data unit and said second data unit by comparison and/or combination and for deriving said unique identifier ID from the result of said evaluation.
- 15 2. Reproduction apparatus as claimed in claim 1, wherein said evaluation means (10) is operative for deriving said unique identifier ID by combination of said first data unit and said second data unit according to a predetermined combination algorithm, in particular by an arithmetic or Boolean operation or a scrambling algorithm.
- 20 3. Reproduction apparatus as claimed in claim 1, wherein said evaluation means (10) is operative for deriving said unique identifier ID by use of one of said first or second data units as a pointer to point to a particular position within the other data unit at which the unique identifier ID is stored.
- 25 4. Reproduction apparatus as claimed in claim 1, wherein said evaluation means (10) is operative for deriving said unique identifier ID by use of one of said first or second data units as a decryption key to decrypt the other data unit giving said unique identifier ID.

5. Reproduction apparatus as claimed in claim 1, wherein said data reading means (6, 8) is operative for reading a plurality of first data units from a plurality of first sectors and for reading a plurality of second data units from a plurality of second sectors, and wherein said evaluation means (10) is operative for deriving said unique identifier ID by
5 comparing said first data units with the respective second data units and for obtaining said unique identifier ID from the result of said comparison.

6. Reproduction apparatus as claimed in claim 1, further comprising a memory means (11) for storing the logical address of said first and said second data unit and for
10 storing the evaluation function to be used for evaluating said first data unit and said second data unit.

7. Reproduction apparatus as claimed in claim 1, further comprising an evaluation information reading means (12) for reading the logical address of said first and
15 said second data unit and for reading the evaluation function to be used for evaluating said first data unit and said second data unit from said optical record carrier.

8. Reproduction apparatus as claimed in claim 1, wherein said data reading means (6, 8) are operative for reading said first data unit from said first sector by a streaming
20 read command and for reading said second data unit from said second sector by a logical read command.

9. Reproduction apparatus as claimed in claim 1, wherein said data area is a general application area (GAA).
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10. Reproduction method for reproducing a unique identifier ID from a record carrier (5), said record carrier having a data area for storing data and a defect management area for storing data reallocated from defective sectors of said data area and for storing a
reallocation information, comprising the steps of:

- 30 - reading a first data unit from a first predetermined non-defective sector in said data area,
- reading a reallocation information from said defect management area marking said first sector in said data area as defective and as reallocated to a second sector in said defect management area,

- reading said a second data unit from said second sector,
- evaluating said first data unit and said second data unit by comparison and/or combination, and
- deriving said unique identifier ID from the result of said evaluation.

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11. Recording apparatus for recording a unique identifier ID on a record carrier (5), said record carrier having a data area for storing data and a defect management area for storing data reallocated from defective sectors of said data area and for storing a reallocation information, comprising:

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- a recording means (1, 2) for recording a first data unit at a first non-defective sector in said data area and for recording a second data unit at a second sector in said defect management area, and
 - a reallocation means (3) for recording a reallocation information in said defect management area marking said first sector as defective and as reallocated to said
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- second sector, said first data unit and said second data unit being provided for evaluation by comparison and/or combination and for deriving said unique identifier ID from the result of said evaluation.

12. Recording method for recording a unique identifier ID on an optical record carrier (5), said optical record carrier having a data area for storing data and a defect management area for storing data reallocated from defective sectors of said data area and for storing reallocation information, comprising the steps of:

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- recording a first data unit at a first non-defective sector in said data area
 - recording a second data unit at a second sector in said defect management area, and
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- recording a reallocation information in said defect management area marking said first sector as defective and as reallocated to said second sector, said first data unit and said second data unit being provided for evaluation by comparison and/or combination and for deriving said unique identifier ID from the result of said evaluation.

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13. Record carrier (5) having:

- a data area for storing data including a first data unit stored at a first non-defective sector,

- 5 - a defect management area for storing data reallocated from defective sectors of said data area, said data including a second data unit stored at a second sector, and for storing reallocation information including an information marking said first sector as defective and as reallocated to said second sector, said first data unit and said second data unit being provided for evaluation by comparison and/or combination and for deriving said unique identifier ID from the result of said evaluation.

14. Record carrier (5) as claimed in claim 13, wherein said record carrier is of the Mount Rainier format.

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15. Computer program comprising program code means for causing a computer to perform the steps of the methods as claimed in claim 10 or 12 when said computer program is executed on a computer.